VideoGuard – Managed Device Protection

Features

- Secure chipset
- Prevent Unauthorized access to Flash
- Prevent Unauthorized access to RAM
- Protect sensitive data & content
- Maintain Chain of Trust
- Prevent SW breaches

Implementation

- Hardware design & implementation
- Software design & implementation
- Production process
- Repair & maintenance
- Certification

VideoGuard Everywhere - Downloadable Security
Accelerating digital TV migration to IP

Applications & Back-office

Common Control

VideoGuard Server
Broadcast optimized DCAS

VideoGuard DRM
Direct path to IP Devices

VideoGuard Multi-DRM
Device Operational Constraints

Legacy Security
Plant Operational Constraints

RF
Devices

IP
Devices

VideoGuard Server, DRM and Multi-DRM along with a common control plane offer a seamless legacy migration to an all IP deployment in existing operations

VideoGuard Everywhere - Downloadable Security
Proven Scalability

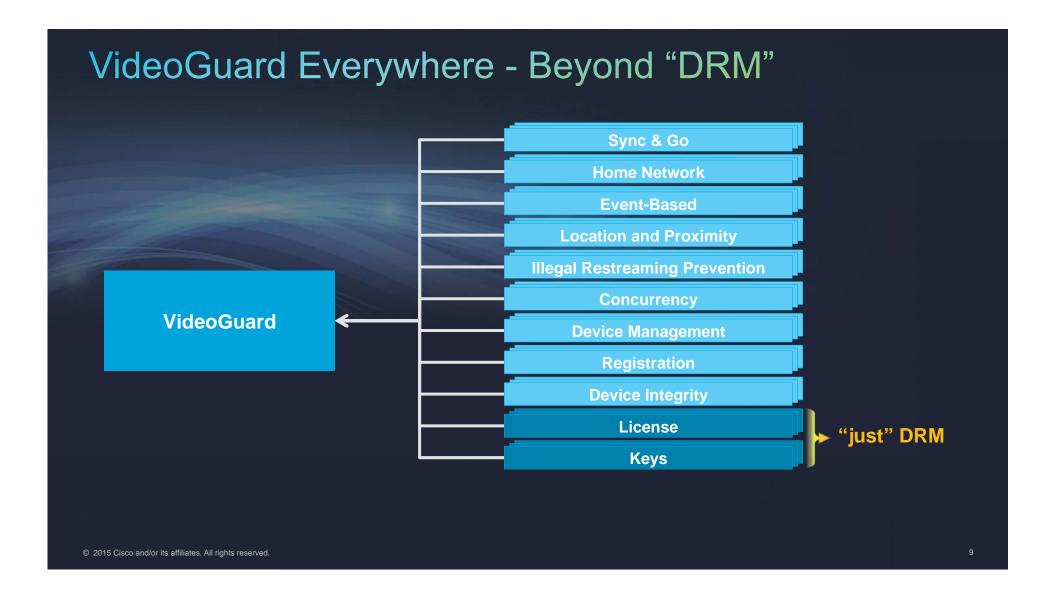| VideoGuard Server	VideoGuard DRM	Multi-DRM
• 8m+ STB secured • 6 billion+ VEMMs/Day • Open standard(s) • Multi-vendor CPE	• Millions of end devices • Open standard(s) • OTT / Home Networking	• Integrates multiple DRM platforms • Common Policies, Authorizations enforced across platforms

VideoGuard Everywhere - Beyond "DRM"

VideoGuard

- Sync & Go
- Home Network
- Event-Based
- Location and Proximity
- Illegal Restreaming Prevention
- Concurrency
- Device Management
- Registration
- Device Integrity
- License
- Keys

"just" DRM

VideoGuard Everywhere – Capabilities

Linear Channels and Live Events

Video On Demand

Download, Sync & Go

Home Network Sharing

Event-Based Entitlements

Device Registration and Management

Rich Set of Business Rules

- Linear Subscription
- Tiered Bundles
- À La Carte
- Pay Per View Store/Forward, HEP
- Free Preview
- EPG Coloring
- Overt and Covert fingerprinting

- Pre-Encrypted VOD
- Transaction VOD
- Session VOD
- Free VOD

- Request Queuing
- Local Catalog
- Background Download
- Progressive Download
- Secure Completion Report
- Electronic Sell Through
- Rental window for viewing, for download

Variety of Concurrency Limits

Policy, Location and CDN Access Control

Device/App Authentication and Proximity Control

DTCP-IP Import/Export

CA Termination and Transcoding Support

Alerts on Live Channels

Rights Revocation (subscription and downloaded assets)

- Different rules per operation
- Template based license creation in Gateways
- Device type and Network type restrictions
- Blackouts, locations and proximity
- Rentals, download counters
- Copy protection/Output controls